

Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-150

| WORKING STANDARD USED | | | | | | |
|-----------------------|---------------|--------|------------|-------------------|------------------|-----------------|
| Asset/ISO #: | Manufacturer: | Model: | Serial No. | Calibration Date: | Calibration Due: | Calibration By: |
| 25171 | ION | 775 | 6779 | 8-20-08 | 8-20-09 | JPL |

| AIR IONIZER INFORMATION | | | | | | |
|-------------------------|---------------|--------------|-------------|--------------------|-------------------|------------------|
| Asset/ISO #: | Manufacturer: | Model: | Serial No. | Verification Date: | Verification Due: | Verification By: |
| 29656 | SIMCO | AEROSTAT X C | 26120785 | 10/21/08 | 4-14-09 | JPL |
| Inspector: | Location: | Owner: | Fail: Y/N ? | Cleaned: Y/N ? | Adjusted: Y/N ? | Prior Sequence# |
| Sup. [Signature] | ALLIANCE | MSL | N | N | N | NA |

| VERIFICATION DATA | | | | | |
|---|------------------------------|------------------------------|------------------------------|------------------------------|-----------|
| HBM Sensitivity Level: <u>50V</u> (from Table 1) | | | | | |
| Fan controller setting: <u>LOW</u> (High, Low, NA) | | | | | |
| Distance of ionizer from the charge plate: <u>36"</u> | | | | | |
| Ionizer Float Potential Tolerance \pm <u>50</u> Vdc. (from Table 1) | | | | | |
| Measured Float Potential values recorded below. | | | | | |
| 1 0 Vdc. | 2 0 Vdc. | 3 0 Vdc. | 4 0 Vdc. | 5 0 Vdc. | Comments: |
| Ionizer Discharge Voltage Range: \pm 1000 Vdc to \pm <u>50</u> Vdc (from Table 1) | | | | | |
| Ionizer Discharge Time Tolerance: <u>520</u> seconds. (from Table 1) | | | | | |
| Measured Discharge Time in second(s) and recorded values below. | | | | | |
| 1 (+1000 to +Vdc) 4.8 sec | 2 (+1000 to +Vdc) 5.3 sec | 3 (+1000 to +Vdc) 5.1 sec | 4 (+1000 to +Vdc) 5.1 sec | 5 (+1000 to +Vdc) 5.5 sec | Comments: |
| 1 (-1000 to -Vdc) 6.0 sec | 2 (-1000 to -Vdc) 6.1 sec | 3 (-1000 to -Vdc) 6.4 sec | 4 (-1000 to -Vdc) 6.3 sec | 5 (-1000 to -Vdc) 5.8 sec | Comments: |

Record any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: _____ Manufacturer: _____ Model: _____ Serial No.: _____

Sequence number for verification of replacement Ionizer: _____

Record inspection schedule and rational for that schedule.